PCT

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4) The undersigned applicant(s) (Names should be indicated as they appear in the request) LI, Yan Chun 5652 S. Haper Avenue Chicago, Illinois 60637 United States of America common representative hereby appoints (appoint) the following person(s) as: Name and address (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) Peter C. Lauro, Esq., Reg. No. 32,360, and all other practitioners associated with Customer No. 21874 at EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, Massachusetts United States of America all the competent International Authorities to represent the undersigned before the International Searching Authority only the International Preliminary Examining Authority only in connection with the international application identified below: GEMINI VITAMIN D3 COMPOUNDS AND METHODS OF USE Title of the invention: THEREOF 59756WO(49949) Applicant's or agent's file reference: International application number (if already available): US04/13703 as receiving Office and to make or receive filed with the following Office: US payments on behalf of the undersigned. nust sign, next to each signature, indicate the name of the person Signatures of the applicant(s) (where there are several persons, each of their must sign, next to each signature, indicate the name of the person signing and the capacity in which the person verse, if such capacity is not obvious from reading this power): Yan C

Form PCT/Model of power of attorney (for several international applications) (July 1992)

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POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4) The undersigned applicant(s) (Names should be indicated as they appear in the request) The University of Chicago 5555 South Woodlawn Avenue, Suite 300 Chicago, IL 60637 United States of America common representative hereby appoints (appoint) the following person(s) as: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) Name and address Peter C. Lauro, Esq., Reg. No. 32,360, and all other practitioners associated with Customer No. 21874 at EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, Massachusetts 02205 United States of America x | all the competent International Authorities to represent the undersigned before the International Searching Authority only the International Preliminary Examining Authority only in connection with the international application identified below: GEMINI VITAMIN D3 COMPOUNDS AND METHODS OF USE Title of the invention: THEREOF 59756WO(49949) Applicant's or agent's file reference: US04/13703 International application number (if already available): as receiving Office and to make or receive filed with the following Office: US payments on behalf of the undersigned. Signatures of the applicant(s) (where there are several persons, each of them must sign, next to each signature, indicate the name of the person signing and the capacity in which the person signs Africa capacity is not obvious from reading this power): Name (print): MCD BOLNS Title (print): DIRECTOR Office of

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PATENT COOPERATION TREATY POWER OF ATTORNEY

The undersigned Applicant, Milan R. USKOKOVIC, hereby appoints the following persons as agents:

David G. Conlin	Reg. No. 27,026	William J. Daley, Jr.	Reg. No. 35,487
Christine C. O'Day	Reg. No. 38,256	Jennifer K. Rosenfield	Reg. No. 53,531
Peter J. Manso	Reg. No. 32,264	Gregory B. Butler	Reg. No. 34,558
George W. Neuner	Reg. No. 26,964	Robert L. Buchanan	Reg. No. 40,927
Lisa Swiszcz Hazzard	Reg. No. 44,368	Kathryn A. Piffat	Reg. No. 34,901
Linda M. Buckley	Reg. No. 31,003	Barry Kramer	Reg. No. 20,622
David A. Tucker	Reg. No. 27,840	Steven J. Jensen	Reg. No. 42,693
John J. Penny, Jr.	Reg. No. 36,984	Richard J. Roos	Reg. No. 45,053
Peter F. Corless	Reg. No. 33,860	Scott D. Wofsy	Reg. No. 35,413
George W. Hartnell, III	Reg. No. 42,639	George N. Chaclas	Reg. No. 46,608
Howard M. Gitten	Reg. No. 32,138	Richard H. Newman	Reg. No. 41,222
Peter C. Lauro	Reg. No. 32,360	Daniel F. Coughlin	Reg. No. 36,111
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J. Mark Konieczny	Reg. No. 47,715	Jeffrey D. Hsi	Reg. No. 40, 024
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Jonathan D. Baskin	Reg. No. 39,499	Stephana E. Patton	Reg. No. 50,373
S. Mathew Cairs	Reg. No. 42,378	John J. Penny	Reg. No. 36,984
George N. Chaclas	Reg. No. 46,608	John J. Piskorski	Reg. No. 35,647
Margaret J. McLaren	Reg. No. 53,303	Marla L. Tocker	Reg. No. 54,493
Address:			•
11441455.			

EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, Massachusetts 02205 United States of America

to act on his behalf before the competent International Authorities in connection with the International Application concerning

TITLE: GEMINI VITAMIN D3 COMPOUNDS AND METHODS OF USE THEREOF

AGENT'S FILE REFERENCE: 49949-59756WO

filed with the United States PCT Receiving Office as PCT/US04/13703 and to make or receive payments on behalf of the undersigned.

By: Milan R. USKOKOVIC

Date: 7.2.2004

PATENT COOPERATION TREATY POWER OF ATTORNEY

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Peter J. Manso	Reg. No. 32,264	Gregory B. Butler	Reg. No. 34,558
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Hubert MAEHR

Date: July 2, 2004

PATENT COOPERATION TREATY POWER OF ATTORNEY

The undersigned Applicant, Luciano ADORINI, hereby appoints the following persons as agents:

David G. Conlin Christine C. O'Day Peter J. Manso George W. Neuner Lisa Swiszcz Hazzard	Reg. No. 27,026 Reg. No. 38,256 Reg. No. 32,264 Reg. No. 26,964 Reg. No. 44,368	William J. Daley, Jr. Jennifer K. Rosenfield Gregory B. Butler Robert L. Buchanan Kathryn A. Piffat	Reg. No. 35,487 Reg. No. 53,531 Reg. No. 34,558 Reg. No. 40,927 Reg. No. 34,901
Linda M. Buckley	Reg. No. 31,003	Barry Kramer	Reg. No. 20,622
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Margaret J. McLaren Address:	Reg. No. 53,303	Marla L. Tocker	Reg. No. 54,493

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Luciano ADORINI

Date: 28 June, 2004

PATENT COOPERATION TREATY POWER OF ATTORNEY

The undersigned Applicant, Giuseppe PENNA, hereby appoints the following persons as agents:

David G. Conlin Christine C. O'Day Peter J. Manso George W. Neuner Lisa Swiszcz Hazzard Linda M. Buckley David A. Tucker John J. Penny, Jr. Peter F. Corless George W. Hartnell, III Howard M. Gitten Peter C. Lauro Peter J. Manus John B. Alexander J. Mark Konieczny Meghan M. Makary Jonathan D. Baskin S. Mathew Cairs George N. Chaclas	Reg. No. 27,026 Reg. No. 38,256 Reg. No. 32,264 Reg. No. 26,964 Reg. No. 44,368 Reg. No. 31,003 Reg. No. 27,840 Reg. No. 36,984 Reg. No. 33,860 Reg. No. 42,639 Reg. No. 32,138 Reg. No. 32,138 Reg. No. 26,766 Reg. No. 48,399 Reg. No. 47,715 Reg. No. 53,303 Reg. No. 39,499 Reg. No. 42,378 Reg. No. 46,608	William J. Daley, Jr. Jennifer K. Rosenfield Gregory B. Butler Robert L. Buchanan Kathryn A. Piffat Barry Kramer Steven J. Jensen Richard J. Roos Scott D. Wofsy George N. Chaclas Richard H. Newman Daniel F. Coughlin David J. Silvia Marina I. Heusch Jeffrey D. Hsi Barbara Kitchell Stephana E. Patton John J. Penny John J. Piskorski	Reg. No. 35,487 Reg. No. 53,531 Reg. No. 34,558 Reg. No. 40,927 Reg. No. 20,622 Reg. No. 42,693 Reg. No. 45,053 Reg. No. 35,413 Reg. No. 46,608 Reg. No. 41,222 Reg. No. 36,111 Reg. No. 49,036 Reg. No. 47,647 Reg. No. 40, 024 Reg. No. 33,928 Reg. No. 50,373 Reg. No. 36,984 Reg. No. 35,647
<u> </u>	Reg. No. 46,608 Reg. No. 53,303	John J. Piskorski Marla L. Tocker	Reg. No. 35,647 Reg. No. 54,493
Margaret J. McLaren Address:	Reg. No. 53,303	Maria L. Tocker	keg. No. 54,493

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to act on his behalf before the competent International Authorities in connection with the International Application concerning

TITLE: GEMINI VITAMIN D3 COMPOUNDS AND METHODS OF USE THEREOF

AGENT'S FILE REFERENCE: 49949-59756WO

filed with the United States PCT Receiving Office as PCT/US04/13703 and to make or receive payments on behalf of the undersigned.

Date: 28 Sour, 2004

GENERAL POWER OF ATTORNEY (PCT Rule 90.5) PATENT COOPERATION TREATY APPOINTMENT OF AGENT OR COMMON REPRESENTATIVE

The undersigned Applicant hereby appoints John B. Alexander, 48,399; Jonathan D. Baskin, 39,499; Robert L. Buchanan, 40,927; Linda M. Buckley, 31,003; Greg B. Butler, 34,558; S. Mathew Cairns, 42,378; George N. Chaclas, 46,608; David G. Conlin, 27,026; Peter F. Corless, 33,860; William J. Daley, 35,487; Howard M. Gitten, 32,138; George W. Hartnell, 42,639; Lisa Swiszcz Hazzard, 44,368; Marina Heusch, 47,647; Jeffrey D. Hsi, 40,024; Steven M. Jensen, 42,693; Barbara S. Kitchell, 33,928; J. Mark Konieczny, 47,715; Barry Kramer, 20,622; Peter C. Lauro, 32,360; Meghan M. Makary, 51,988; Peter J. Manso, 32,264; Peter J. Manus, 26,766; Margaret J. McLaren, Ph.D., 53,303; George W. Neuner, 26,964; Richard H. Newman, 41,222; Christine C. O'Day, 38,256; Stephana E. Patton, 50,373; John J. Penny, 36,984; Kathryn A. Piffat, 34,901; John J. Piskorski, 35,647; Richard J. Roos, 45,053; Jennifer K. Rosenfield, 53,531; David J. Silvia, 49,036; Marla L. Tocker, 54,493; David A. Tucker, 27,840; and Scott D. Wofsy, 35,413 of Edwards & Angell, LLP, P.O. Box 55874, Boston, Massachusetts 02205, United States of America as agents to act on its behalf before the Competent International Authorities in connection with any and all international applications filed by the undersigned with the US/RO and to make or receive payments on its behalf.

Name: FRANCESCO SINIGAGLIA

Title: CHIEF EXECUTIVE OFFICER, BIOXEll S.p.A.

Authorized signer for BioXell S.n.A.

Date: June 28, 2004